

NOTICE OF DRAFTPERSON'S  
PATENT DRAWING REVIEWThe drawing filed (insert date) 10/23/97

A.  not objected to by the Draftperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

## 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

 Color drawing are not acceptable until petition is granted.

Fig.(s) \_\_\_\_\_

 Pencil and non black ink is not permitted. Fig(s) \_\_\_\_\_

## 2. PHOTOGRAPHS. 37 CFR 1.84(b)

 Photographs are not acceptable until petition is granted. 3 full-tone sets are required. Fig(s) \_\_\_\_\_ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_ Poor quality (half-tone). Fig(s) \_\_\_\_\_

## 3. TYPE OF PAPER. 37 CFR 1.84(e)

 Paper not flexible, strong, white and durable.

Fig(s) \_\_\_\_\_

 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin) Mylar, vellum paper is not acceptable (too thin).

Fig(s) \_\_\_\_\_

## 4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:

 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawings sheets not the same size.

Sheet(s) \_\_\_\_\_

## 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

 Margins not acceptable. Fig(s) 5Top (T)  Left (L) Right (R)  Bottom (B) 

## 6. VIEWS. CFR 1.84(h)

REMINDER: Specification may require revision to

correspond to drawing changes.

 Views connected by projection lines or lead lines. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity.

Fig(s) \_\_\_\_\_

 Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

 Enlarged view not labeled separately or properly.

Fig(s) \_\_\_\_\_

## 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

 Hatching not indicated for sectional portions of an object.

Fig(s) \_\_\_\_\_

 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

## 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

 Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_ Views not on the same plane on drawing sheet. Fig(s) \_\_\_\_\_

## 9. SCALE. 37 CFR 1.84(k)

 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

## 10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)

 Lines, numbers & letters not uniformly thick and well defined; clean, durable and black (poor line quality).

Fig(s) \_\_\_\_\_

## 11. SHADING. 37 CFR 1.84(m)

 Solid black areas pale. Fig(s) \_\_\_\_\_ Solid black shading not permitted. Fig(s) \_\_\_\_\_ Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

## 12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.48(p)

 Numbers and reference characters not plain and legible.

Fig(s) \_\_\_\_\_

 Figure legends are poor. Fig(s) \_\_\_\_\_ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) \_\_\_\_\_ English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) \_\_\_\_\_ Numbers, letters and reference characters must be at least 3 mm high.

Fig(s) \_\_\_\_\_

## 13. LEAD LINES. 37 CFR 1.84(q)

 Lead lines cross each other. Fig(s) \_\_\_\_\_ Lead lines are broken. Fig(s) \_\_\_\_\_ Lead lines missing. Fig(s) \_\_\_\_\_

## 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)

 Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

## 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

## 16. CORRECTIONS. 37 CFR 1.84(w)

 Corrections not made from PTO-948 dated \_\_\_\_\_

## 17. DESIGN DRAWINGS. 37 CFR 1.152

 Surface shading shown not appropriate. Fig(s) \_\_\_\_\_ Solid black shading not used for color contrast.

Fig(s) \_\_\_\_\_

## COMMENTS

REVIEWER Q.D.DATE 3/27/98 TELEPHONE NO. 7033058404

ATTACHMENT TO PAPER NO. \_\_\_\_\_

PTO COPY

**NOTICE OF DRAWINGS PERSONS  
INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

**1. Correction of Informalities—37 CFR 1.85**

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTO-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

**2. Timing for Corrections**

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTO-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in ABANDONMENT of the Application.

**3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948**

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.

COMMENTS	
<p>REVIEWER <u>J.A.M.</u></p> <p>DATE <u>08/15/88</u></p> <p>REFERENCE NO. <u>100-10000000</u></p> <p>ATTACHMENT TO PAPER NO. <u>100-10000000</u></p>	<p>REVIEWER <u>J.A.M.</u></p> <p>DATE <u>08/15/88</u></p> <p>REFERENCE NO. <u>100-10000000</u></p> <p>ATTACHMENT TO PAPER NO. <u>100-10000000</u></p>

NOTICE OF DRAFTSPERSONS  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 11/02/98 are:

## 1. CORRECTION OF INFORMATION--3. CFR 1.81

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings:  
 Blackjinks. Color drawings must be submitted in the new drawing format. (Words do not appear onto horizontal; left-to-right fashion.)  
 Color drawings are not acceptable until petition is granted.  
 Fig(s) \_\_\_\_\_

2. PHOTOGRAPHS. 37 CFR 1.84 (b).  
 1 full-tone set is required. Fig(s) \_\_\_\_\_  
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_  
 Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. TYPE OF PAPER. 37 CFR 1.84(e).  
 Paper not durable, strong, white, and durable. (Acceptable drawings will be uniform, thick and well defined, clean, durable, and black (poor line quality).  
 Fig(s) \_\_\_\_\_  
 Erasures, overwritings, interlineations, fold lines, copy machine markings not accepted. Fig(s) \_\_\_\_\_

4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  
 21.0 cm by 29.7 cm (DIN size A4)  
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 5.1. All drawing sheets not the same size. (excepted) before filing with the Drawing Review. (10-3-84)  
 Sheet(s) \_\_\_\_\_  
 Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. MARGINS. 37 CFR 1.84(g). Acceptable margins:  
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: A4 Size  
 Top 2.5cm Left 2.5cm Right 1.5cm Bottom 1.0cm  
 SIZE: 8 1/2 x 11  
 Margins not acceptable. Fig(s) \_\_\_\_\_

6. VIEWS. 37 CFR 1.84(h).  
 REMINDER: Specification may require revision to correspond to drawing changes.  
 Partial views. 37 CFR 1.84(h)(2)  
 Brackets needed to show figure as one entity. Fig(s) \_\_\_\_\_  
 Views not labeled separately or properly. Fig(s) \_\_\_\_\_  
 Enlarged view not labeled separately or properly. Fig(s) \_\_\_\_\_

7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  
 Hatching not indicated for sectional portions of an object. Fig(s) \_\_\_\_\_  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

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 Lead lines cross each other. Fig(s) \_\_\_\_\_  
 Lead lines missing. Fig(s) \_\_\_\_\_

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)  
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15. NUMBERING OF VIEWS. 37 CFR 1.84(u)  
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

16. CORRECTIONS. 37 CFR 1.84(w)  
 Corrections not made from prior PTO-948 dated \_\_\_\_\_

17. DESIGN DRAWINGS. 37 CFR 1.152  
 Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 Solid black shading not used for color contrast. Fig(s) \_\_\_\_\_

## COMMENTS

REVIEWER: JAMDATE 08/12/99 TELEPHONE NO. \_\_\_\_\_

ATTACHMENT TO PAPER NO. \_\_\_\_\_

REMARKS  
DRAWINGS  
TO DRAWINGS  
WITH THE DRAWINGS  
REMINDED

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. IA, Fig. IB, Fig. IC, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312, Amendment at the time of submitting drawing changes.

**INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

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